







TRAINING SCHOOLS

AND

TRAINING SHIPS;

FOR THE TRAINING OF BOYS FOR THE NAVY,
ARMY, AND MERCANTILE MARINE.

EDMUND EDWARD ANTROBUS, F.S.A.,

JUSTICE OF THE PEACE FOR THE COUNTY OF MIDDLESEX AND THE CITY AND
LIBERTY OF WESTMINSTER: CHAIRMAN OF THE STRAND DIVISION; VISITING
JUSTICE OF THE HOUSE OF CORRECTION, WESTMINSTER, AND THE
MIDDLESEX INDUSTRIAL SCHOOL, FELTHAM; DEPUTY-
LIEUTENANT FOR THE TOWER HAMLETS.

LONDON:

STAUNTON AND SON, 9, STRAND,

1875.



INDEX.

	Page.
Public interest with respect to the supply of Soldiers and Sailors..	5
The Army. The Report of Major-General Taylor, 1874	5
Number of Recruits for 1872-73	6
The Navy. Number of Men and Boys in the Navy	6
Number who have left the Service	7
Training Ships for the Navy	7
Boys entering the Navy	8
Mercantile Marine. Report of the Royal Commission on Unseaworthy Ships	8
Liverpool Shipowners' Committee, &c.	9
Inference to be drawn from the extracts of Reports and Returns..	11
Recruits for the Army in future	11
Manning the Navy	12
Seamen formerly employed in Colliers	13
Admiral Sir Byam Martin, on the difficulty of obtaining Seamen during the last War	13
Mercantile Marine	14
Inspector of Reformatories and Industrial Schools' Report. Ships, &c.	14
Number of Inmates in Reformatory and Industrial Ships, &c. ..	17
Comprehensive measure required	17
Reformatory and Industrial Training Ships.. .. .	18
Captain Bedford Pim's Training Schools and Ship's Bill	18
Extract from the Report of the Commission on Unseaworthy Ships	18
Training Boys for the Royal Navy	19

	Page
Captain Bedford Pim's Bill of 1875	19
An Imperial Question	19
Middlesex Industrial School, Feltham	20
General character of Seamen	21
Boys Trained at Feltham	21
Captain Bedford Pim's Bill of 1875	22
Training Schools and Ships to be under the control of County Magistrates	22
Training Ships	23
Clauses 39 to 43	23
Clauses 44 to 47 and 39	24
System of Apprenticeship	26
Withdrawal of Captain Bedford Pim's Bill, April, 1875	26
Middlesex Industrial School and Military Sub-Districts	27
Military Sub-Divisions.. .. .	28
Boys for Training Schools and Training Ships	28

TRAINING SCHOOLS AND TRAINING SHIPS.

Public interest
with respect to
the supply of
sailors and
soldiers.

THERE is no question at the present time of more vital importance, and which is exciting deeper public interest, than the state of our army, navy, and mercantile marine. At no period has the subject required more consideration. It is not only that these services should be efficient, but that there should be a supply of men not only for a time of peace, but sufficient to meet every contingency, especially when continental armies are composed of millions, fleets of ironclads of the most formidable character are being added to the marine of European nations, while in the far East, China and Japan are forming navies which at any time may greatly injure our eastern commerce. It is for the people of this country to decide whether they will take such timely steps as will secure the safety of our country and its commerce by having especially that first and vital line of defence in a state to repel any attack, even if all the nations of Europe were combined in arms against us.

Two questions naturally arise—firstly, is the present state and future prospects of the services such as to require immediate legislation; and, secondly, if so, the nature of such legislation, and the details consequent thereon.

The Army.

Report of
Major-General
Taylor's, 1874.

From the "Report upon Recruiting for the Regular Army, for the year 1873," we learn that on the 1st of April, 1873, the new arrangements for the sub-divisions of the military districts in Great Britain and Ireland came into operation.

Under this system the whole country has been divided into 46 sub-districts for infantry, 12 for artillery, and 2 for

cavalry, the infantry sub-districts, as a rule, corresponding with the several counties into which the United Kingdom is divided.

In each infantry sub-district a brigade depôt now exists, commanded by an experienced officer not under the rank of a substantive lieutenant-colonel, who superintends and directs within the limits of the sub-district the recruiting service for the line, and the militia battalions of his brigade, as well as, when so directed, for the other arms of the service.

The number of recruits required for the year 1872 was 17,791, and for the year 1873, 17,194 the number required, but, the Report adds,

“although the number of men raised for Her Majesty’s army has, during the past year, been sufficient to supply the ordinary casualties in time of peace, yet it becomes a very serious question to determine how, in case of an outbreak of war, the requirements of the service may be met, especially as it must be borne in mind that in the year 1876 the operation of the Army Enlistment Act of 1870 will be apparent.

“From that time the results of short enlistments will become marked, and a much larger number of recruits will be required annually to fill the places of those who will have completed their term of army service, and who will be passed into the Reserve to complete the remaining six years of their engagement.”

The Navy.

By a return to an order of the House of Commons, it appears that the number of *bond-fide* seamen serving in the fleet (inclusive of pensioners and of men in the Indian troop ships) per return made up to November, 1873, was 18,960, and the coast-guard 3,891, making a total of 22,851. To

Number of Seamen and Boys.

these are to be added 4,238 first class boys and 2,623 second class.

The service does not appear popular with the seamen of

the mercantile marine, for by a Parliamentary report only 382 *bonâ-fide* seamen entered the Royal Navy from the shore, merchant, or other service during the year 1872-1873.

The number *bonâ-fide* seamen (including pensioners) who have left the service from all causes during the year 1872-1873, the last printed return, appears to have been, according to the return, as under.

Number of Sea men who have left the Service in the year 1872 and 1873.

By purchase	48
Invalided	647
Died	124
Deserted	800
Disgraced	6
Pensioned for long service	310
Objectionable	42
Coast-guard on shore	265
Other causes	165

2,847

This return shows that upwards of 2,800 men have died or left the service in one year, which may be fairly taken as an average, and whose places will have to be filled up. Of this number, no less than 800 have deserted, from which it appears that the service is not very popular with many who have entered it.

In some degree to supply the annual loss of seamen, there are only five training ships, namely, the "Implacable" and "Impregnable," at Devonport, "St. Vincent," at Portsmouth, "Boscawen," at Portland, and the "Ganges," at Falmouth; in these five ships 2,500 boys are trained at a cost of not less than £45 per annum for each boy. The qualifications requisite for boys entering the navy, or for admission on board these training ships, is thus given by a naval officer in an excellent article in *Fraser's Magazine* in August last:—

Training Ships for the Navy.

“We will take a boy at the earliest age that he can join, 15. He can only be accepted by certain officers, in certain places named in the Regulations; he must bring with him a certificate of birth, and a declaration made by his parents, or nearest relation if an orphan, giving consent to his joining Her Majesty’s Navy and serving for ten years from the age of 18. No apprentices are accepted, or boys from prisons or reformatories, every care being taken to get as good a stock of lads for the service of the Crown as possible.

“The boy must be at least 4 feet 10½ inches in height without his shoes, and measure 29 inches round the chest, with his hands above his head, backs together, and counting aloud. The measure is taken when between 30 and 40 has been counted in a steady way. The boy must be able to read and write, and is then subject to a very exact medical examination. One fancies that no boy could ever be so sound as seems necessary. Joints, skin, chest, teeth, eyes, &c., have to be examined minutely, and the examination invariably detects and rejects those poor lads who have wanted care or nourishment in childhood. The waifs and straits of society are seldom able to pass the medical test for the Royal Navy; and the service is recruited chiefly from the sons of small farmers, shopkeepers, and artisans, who have been fed fairly, and have therefore some constitution on which to work.”

The age and required size for the training ships stand as follows:—Age 15 to 15½ years, height 4 feet 10½ inches, chest 29 inches; age 15½ to 16 years, height 5 feet 1 inch, chest 30 inches; after 16½ the heights and chest measurements increase, and the boy is not sent to a training ship.

In their final Report the Commissioners (Royal Mercantile Marine. Commission on Unseaworthy Ships) observe,—
 “The Growth of trade, and consequent additional opportunities for employment on shore, as well as at sea, have increased the difficulty

of obtaining able seamen. The wages of seamen have risen largely within the last few years, but yet shipowners complain that they are often compelled to take such men as present themselves, of whom many prove to be incompetent to discharge properly the duties of seamen; the ignorance and incapacity of these men throw additional work on the good seamen, cause dissatisfaction in the ship, and enhance the dangers of navigation.

“The general tendency of the evidence leads to the conclusion that there is a deficiency of British able seamen; captains of merchant ships could not, it is said, man their vessels without Swedes, Norwegians, and Lascars.

“The British seamen at the present time are not, it is said, wanting in elementary education. It is a rare exception when they cannot write; but nevertheless the men do not always seem to have received the benefits which are commonly supposed to belong to education in early life. They are often deficient in thrift, in sobriety, in discipline, and in that self-control which education is intended to promote.”

Liverpool
Shipowners'
Committee.

A Liverpool Committee of Enquiry, composed of shipowners and merchants, in a Supplementary Report, dated October, 1874, observe,—“While the lapse of these five years has altered in some degree the suggestions of this Committee on points of detail, it is a matter of congratulation that the main points or basis upon which these suggestions were made—viz., the deterioration of our seamen and inadequate supplies of good men—are now recognised as facts.

“The total waste of seamen in our mercantile marine from all causes—death, drowning, desertion, giving up sea life, &c., in other words which has to be supplied yearly—is estimated at about 16,000; we get about 3,500 per annum from the apprenticeship system, and probably as many more from training ships, so that there remains about 9,000 to be got from all other sources, and what these sources are the

present condition of our forecastles abundantly testifies, and it is this void the Committee desires to see filled with good men."

EXTRACTS from papers placed before the Unseaworthy Ships Commission, by THOMAS GRAY, Esq., Board of Trade.

Leith, Mercantile Marine Office to Board of Trade.

"All agree that something should be done to increase the supply of seamen; think that grants from the mercantile marine fund should be made with this view; would be glad to take boy trained in training ships; think that there should be separate training ships for boys 'charitably convicted' and for sons of respectable parents; are of opinion that boys turned out at the age of 18 from training ships would make good ordinary seamen, and that there is no necessity for continuing them as apprentices after they leave the training ship; there would be no difficulty in these boys belonging to the Naval Reserve."

Dundee Local Marine Board to Board of Trade.

The Secretary writes,—“I got the Lord Advocate to introduce a clause into Mr. Crawford's Bill for amending the parochial system of Scotland to enable the managers of training ships to receive boys up to 15 years of age and to detain them until 17. The Bill, however, was withdrawn, and the law in consequence stands unaltered. If we had the power sought by this clause nine-tenths of the boys would be fit to go on board any vessel as ordinary seamen, and with another year's actual sea service, fit for the Royal Navy Reserve.”

The State of the Mercantile Marine Service. Conference at Cardiff, September, 1872.

The Chairman of the meeting, Mr. Hill, said,—“It appeared from the Report of a Committee appointed by the Associated Chambers of Commerce to consider training ships

for the merchant service, that in the year 1858 there were 23,831 apprentices to the sea service on board ships; in the year 1868 there were only 17,875, a reduction of 5,956, or 25 per cent. This extraordinary decrease, the Committee remarked, must sooner or later effect the character of the crews. With an increase of tonnage we must have resort to foreigners or imperfectly educated hands. We have already increased our foreign seamen from 13,200 in 1854 to 21,817 in 1867," since which time a much larger increase has taken place.

Dwelling strongly on the necessity of training ships, he discriminated between such schools as that of the "Formidable" at Bristol and the "Havannah" at Cardiff, and pointed out that they did not want to train only the refuse of the streets and the worst characters of the town, but desired to get a good class of respectable lads, who would grow up respectable men and intelligent sailors.

At conferences held by the Mercantile Marine Boards at Dublin, Sunderland, Bristol, and other ports, the importance of training schools and ships was invariably admitted, and promises given to support the Government in any measure that might be introduced for this purpose.

The brief extracts which have been given from Reports and Parliamentary Returns could be supplemented and supported by numerous others of a similar character, independent of local and personal evidence, they demonstrate firstly:—

Inference to be drawn from the Extracts given from the Reports and Returns.

Recruits for the Army in future.

That although recruits for the Army are now obtained in sufficient numbers, it is very doubtful that when the Army Enlistment Act of 1870 comes into operation, which it will do next year, and a greater number of recruits are required, that they will be obtained without great difficulty, especially as the demand for able-bodied labour is greater than it has ever been and a higher

rate of wage given for it, and this when only the number is required for the Army in time of peace.

It was not probably in the province of Major-General Taylor in his Report to enter into the educational condition of the recruits enlisted, but unless a very great change has taken place since the Crimean War, and which is not probable, it must have been of a very limited kind. Now it is universally admitted that soldiers of the present day, from the altered system in modern warfare, ought to be far better educated and more intelligent than the gallant fellows who marched through the Peninsular with Wellington or who carried the British colours to victory over the blood-stained field of Waterloo.

Another cause may in future prove prejudicial to the recruiting service, namely the greater amount of education given to the lower classes of society, and which will probably render them generally less inclined to the rougher kinds of manual labour and service.

Secondly.—Especial attention has been directed to Major-General Taylor's Report of the 1st of January, 1874, on recruiting for the Army, and the difficulties which may arise in the case of an outbreak of war. Serious as these may be, the difficulties are far exceeded by those which present themselves with respect to the manning of the Navy and mercantile marine. It is in evidence that captains of merchant ships could not man their vessels without Swedes, Norwegians, Lascars, and other Foreigners, so much so that it is stated on reliable authority that more than one-half of the crews are now composed of foreigners, who generally enter the mercantile marine of this country merely nominal seamen, and thus the service has become the nursery for seamen of our rivals, or may be our enemies, and who would, in the case of war, be found in the ships of our adversaries, fighting against us. And further,

Manning the
Navy.

that of the men obtained belonging to our own country, a large number are utterly unfit for the service.

To the mercantile marine the Royal Navy has hitherto looked for a supply of *bonâ-fide* seamen, especially in time of war, but on this source the nation must no longer rely, and attention must be directed to other quarters and other means.

One branch of the mercantile marine until the last few years has been an important nursery for seamen, namely, the large number of seamen employed on board the colliers; these vessels required thousands of hands, from the nature of the service trained *bonâ fide* seamen, and have furnished numerous men for the Navy in time of peace and war. From this quarter little can be expected for the future, steamers are fast superseding sailing vessels, and the old "collier" will soon be a thing of the past, and that hitherto nursery of seamen will in future be only for engineers and stokers.

The great difficulty of obtaining seamen for the Navy in time of war is given with great conciseness by Admiral Sir Byam Martin before the Committee on manning the Navy in the year 1859.

"The maritime population of this country," observes Sir Byam Martin when before the Committee for Manning the Navy, in the year 1859, "is comparatively very small; perhaps it is, taking it in great excess, at 300,000 men. If what was our condition in the late war be admitted as a fair criterion of what may be required hereafter, I am warranted in saying that the whole maritime population of the country will not be more than sufficient for the Navy and merchant service.

"Such was the distress for seamen in the late war and such the alarm which it occasioned, that the patriotic merchants of London offered a bounty of 40s. to able seamen, and 20s. to

Seamen formerly employed in Colliers.

Admiral Sir Byam Martin on the difficulty of Manning the Navy in time of War.

ordinary seamen, in addition to the Royal bounty, to every man who would enter the Navy.

“Finding this did not produce the desired effect, another meeting was held in the City, when it was agreed to give 10 guineas additional bounty to able seamen, and eight guineas to ordinary seamen, and six guineas to landsmen.

“Still the call for more men, by the Admirals in command of the fleets, was so incessant and urgent, as to occasion the greatest uneasiness to the Government; and Mr. Pitt in 1795 procured an Act of Parliament for raising a certain number of men in each county for the Navy, which I think brought into the service about 10,000 men, thus swelling our numbers, but without adding much to the efficiency of the fleet.

“Very soon after this, Mr. Pitt obtained two other Acts, one setting aside the protection from impressment in the coal trade, and making it compulsory on the maritime counties to raise each a certain number of men—in proportion to the shipping belonging to their respective ports. The effect of this was to bring together a great many men, but of such a description as to be perfectly useless as far as regarded the efficiency of the fleet.”

The state of the mercantile marine and the number of seamen required annually to supply the loss by death, shipwreck, and other causes, has become a grave question, how this is to be accomplished in future. To a great extent this has been done by the introduction of foreigners, supplemented in some limited degree by the establishment of Reformatory and Industrial Training Ships. The results and these institutions are given in the last Report (the 18th) of the Inspector of Reformatory and Industrial Schools.

“For the special training which prepares the boys to go to sea, we have now eight school ships. Three are reformatories, viz., the ‘Akbar,’ containing 170 boys, and the ‘Clarence,’ containing

Mercantile
Marine.

Inspector of
Reformatories
and Industrial
Schools' Report.

230 (both in the Mersey, off Liverpool), and the 'Cornwall,' containing 230, in the Thames off Purfleet. The 'Clarence' receives Roman Catholic boys only. More than 2,200 have been sent out of these three institutions since their first establishment, and of these more than four-fifths have gone to sea, and the great majority are doing credit to the naval and professional training they have received. The five other school ships are certified under the Industrial Schools Act, viz., the 'Formidable,' in the Bristol Channel, the 'Southampton,' in the Humber, the 'Wellesley,' in the Tyne, the 'Cumberland,' in the Gareloch, near Helensborough; the 'Mars,' in the Tay, opposite Dundee. These vessels are of more recent institution than the Reformatory ships—they cannot therefore show so large an amount of work, and have not been so fully tried. The 'Wellesley' and the 'Southampton' were certified in 1868 and 1869. About 3,000 boys have been received, and nearly 1,600 discharged; of these nearly 1,000 have gone to sea, *i.e.*, nearly five-eighths, and have mostly turned out well. The working of some of the Industrial School Ships has not been satisfactory, however, as regards their special vocation of training boys as sailors. In the case of the 'Wellesley,' only half the boys discharged went to sea; in that of the 'Southampton,' less than half; in that of the 'Mars,' less than four-sevenths; from the 'Cumberland,' two-thirds; from the 'Formidable,' more than four-fifths have been so provided for. Considering that the Treasury allowance to the ships is 6s. per week instead of 5s., as to all other industrial schools, and that this increased assistance is given with the express object of recruiting the merchant service and Navy with lads fitted and likely to become well-trained and efficient sailors, the public have a right to complain when half, or nearly half, the lads so paid for are sent back to land employment, naturally less suited and prepared for these than if they had been trained regularly to them in an ordinary land school. The failure of school ships

which show these results, has chiefly arisen from the boys being received into them at too young an age. It is a great mistake that magistrates should send, or that managers should receive, mere children of 8, 9, 10 or 11 years for training in such institutions. They come too young to benefit by the special discipline and occupation, and unless detained for unreasonably long periods, are too young to go to sea or to be likely to continue at sea when so disposed of. I have strongly urged the necessity of adopting a higher minimum age for admission into a school ship, no boy should be received under 12 years of age.

“It is remarkable that from four to five hundred boys have gone to sea from the ordinary schools without passing through the ships at all. Feltham alone has sent out 250 and maintains a system of nautical exercise and instruction as a land school can be made to furnish. This circumstance shows that there is a large number of lads that might be advantageously sent by transfer to the school ships as to a nautical college for a finishing course of very useful preparation, and suggests the conclusion, that unless the school ships fulfil their proper object, and train their inmates for a sea life, the additional Treasury allowance can hardly be justified; certainly they fall far short of their proper operations, when a third or half the boys received into them become errand boys or common labourers.”

The statement in the Report that only 250 boys have been sent to sea from Feltham is an error. During the last four years, 1871-72-73-74, no less than 334 have entered the merchant service, besides others who have entered naval bands. Of those trained in the nautical section, no less than 90 per cent. go to sea.

Reformatory Ships.	Number of Inmates.	Discharged during the years 1871, '72 and '73.	Sent to Sea.
Ackbar	171	170	
Clarence	229	170	
Cornwall.....	230	227	
	630	567	Four fifths
Industrial School Ships.			
Wellesley	277	44	
Formidable.....	289	113	
Southampton	198	119	
Cumberland	350	325	
Mars	303	163	
	1417	764	

Thus it appears that out of 567 boys discharged from the three reformatory training ships during the three years 1871-72-73, about four-fifths, or probably 550, were sent to sea, and during the same three years, 1871-72-73, of the 764 discharged from the five industrial school ships, as near as can be gathered from the Inspector of Reformatories' Report, about an equal number has been sent to sea, or about a total of 1,100 in the three years, or less than 400 per annum. The Inspector further reports that in the Formidable a large proportion of the boys are very young, in the Southampton many too young for training, and in the Wellesley it is stated that of the 277 inmates 60 are too young or too diminutive for training.

Comprehensive
measure re-
quired.

Upon the perusal of the extracts from the Reports and Returns which have been given, it is evident that some comprehensive measure is required to meet the present and future want of efficient recruits for the army, and more especially of *bonâ-fide* seamen for the navy and mercantile marine, not only for

the services in time of peace, but for a reserve in time of war.

The introduction of reformatory and industrial training ships has proved both a benevolent and useful step; but the extent to which these institutions can be carried must be limited, nor is it desirable that it should be otherwise. It is to a more comprehensive system that attention must now be directed for the training of a sufficient number of boys, who will consider it a privilege to be received into the institutions established under it, and who will not be regarded with the same suspicion that boys trained particularly in reformatory ships are now too often looked upon. It was with this view that Captain Bedford Pim, the member for Gravesend, introduced a Bill for establishing county training schools and ships in the last session of Parliament.

Reformatory
and Industrial
Training Ships.

Captain Bedford
Pim's Training
Schools and
Ships Bill, 1875.

Before entering upon the details of the Training School and Ships Bill of Captain Bedford Pim, the following extract will be read with much interest:—"The increased employment of steamers has diminished the opportunities for training sailors, and although steam vessels engaged in the coasting trade and in short voyages obtain many of the best men, they train up few for the service. Different schemes have been suggested to supply this acknowledged evil—firstly, compulsory apprenticeship; secondly, training ships; thirdly, a combination of both schemes. It is proposed that every vessel above 100 tons register, whether propelled by sail or steam, should be required to carry apprentices in proportion to her tonnage (the number to be fixed hereafter), or to pay a small contribution (such as sixpence per ton register), this sum to be applied towards the maintenance of training ships in all the principal ports of the United Kingdom. The apprentices should, it is said, be in-

Extract from
the Report of the
Commissioners
on Unseaworthy
Ships. Report,
with suggestions
for future man-
ning the Mer-
cantile Marine.

indentured at or about 14 to the master of a training ship for four years, and after serving in this ship for one or two years the indenture should be transferred to any shipowner who would be willing to take the apprentice, and with whom the apprentice might be willing to serve, until the completion of his term. In order that these training ships might fit the boys for service at sea, a small vessel should, it is suggested, be attached to each ship, so that, with other instruction, the habit of a sea life might be acquired. These school ships should be inspected, and receive grants from the State according to their efficiency. In the Report of the Commission on Manning the Navy, in the year 1859, training ships were proposed to be maintained at the public expense. To these suggestions the Commissioners report: "The system of apprenticeship undoubtedly affords the best means of training boys for a service in which fitness can only be acquired in early life, and if shipowners were willing to contribute, as suggested, it would in our opinion be a wise policy for the Government to aid these industrial schools of the mercantile marine.

Training Boys
for the Royal
Navy.

"The system of training boys for the Royal Navy has been successful, and if a somewhat similar plan could be adopted for the mercantile marine, the sailors and shipowners would be benefited, while many sources of danger to the merchant service would be diminished or removed."

Captain Bedford
Pim's Bill, 1875.

Thus the Commissioners recommend for adoption the very system Captain Bedford Pim proposed effectually to carry out by his Bill. It is an Imperial question, not a local or personal one.

An Imperial
Question.

It vitally affects the United Kingdom, and not alone the shipowners and merchants. The Bill of the last session, and which is about to be again brought forward in the coming session of Parliament, of which notice has been given, contemplates the establishing of either county

training schools or training ships, as may be deemed expedient; for experience has proved that boys can be as well trained for the sea in an inland school when a model ship is attached as in a ship anchored in the Thames, the Tyne, or the Mersey.

By way of exemplification, it is sufficient to name the County of Middlesex Industrial School at Feltham. This school, which contains between seven and eight hundred boys, has a section in which one hundred and fifty are trained for the navy and mercantile marine, while a large number are being prepared to enter it as soon as age and competency will permit. Two advantages a school possesses over a training ship moored in a river—firstly, that a better discipline can be carried out; and, secondly, the health of the boys more effectually secured.

The boys in the nautical section are trained at an early age in all the duties required on board a ship—to go aloft; to learn the names of the masts and yards; standing and running rigging; to knot and splice; the use of the palm and needle; the compass; bending and unbending; reefing and unfurling sails; swimming; rigging and unrigging a vessel and models; the name of all the lighthouses and light-ships round the coast, and the description of the lights. Boats are kept on the river at Staines, in which they are taught rowing, and in which they acquire considerable proficiency. Further, the boys are all taught a trade, the chief being that of a carpenter, painter, tailor, shoemaker, cook, or baker, which renders them extremely useful when on board a ship, independent of their nautical training.

Another important element runs through the entire establishment, namely, a kind but strict discipline, which renders a boy familiar and accustomed to that which is maintained in the army, navy, or marine service, without which a soldier or sailor is comparatively valueless.

General Character of Seamen.

It has been before stated that sailors at the present time are often deficient in thrift, in sobriety, in discipline, and in that self-control which education is intended to promote. This then leads to the enquiry what kind of education have these men when boys received, and under what circumstances? Has it been purely secular and irregular? Has it been in a school in which religious instruction has been carefully attended to or altogether ignored? And have they been accustomed to a discipline which will prepare them for that which must be exercised in either the Army, the Navy, or mercantile marine? Have habits of industry been inculcated? It may fairly be assumed, from the nature of the schools in which the children of the poorer classes of society receive the little education they can receive, they have not been under any great degree of restraint; indeed the few hours in which they are in the schoolroom prevents any attempt at efficient discipline, and when not within its walls, they are generally uncared for and uncontrolled. It is therefore not surprising that in after life, having been without kind parental influence, living in a contaminated atmosphere, without a benevolent guide, and subject to no good example, they should find discipline and order irksome, and be deficient in thrift and sobriety.

Boys trained at Feltham.

Turn, however, to the boys trained at Feltham. Entering the Institution from the ages of ten to fourteen, remaining until fifteen or sixteen, they are on an average about three years under instruction and training, and under a discipline similar to that under which they will have to live, provided they enter the Navy, the Army, or the mercantile marine. To this education and training may be attributed the fact that so very many of the boys who have left the school have proved excellent soldiers and sailors, especially has this been the case in the mercantile marine.

Captain Bedford Pim's Bill of 1875.

The Bill introduced by Captain Bedford Pim in the last Session of Parliament, and which was withdrawn at the request of the Home Secretary, had for its object the founding of county training schools and ships for the supply of recruits for the Army, for the training of boys for the Navy and mercantile marine, particularly for the two latter services throughout the country. The mechanical sections of the Bill were the same, with a few verbal alterations, and with the addition of powers of counties to unite, as are found in the Middlesex Industrial School Act, 17 and 18 Vic., c. 169, and which have been found of great practical value, and to meet all the various requirements after the experience of twenty years. It may appear to contain too many clauses and be unnecessarily elaborate, but the Committee of Visitors of the Industrial School at Feltham who have had to work under the provisions of the Middlesex Act, have found every one of the clauses essential to the due and effectual working of it.

The other clauses were drawn to meet the requirements of the contemplated county training schools and ships.

It may not be generally known that at the present time the Magistrates of a county at Quarter Sessions have the power to establish and support out of the County Rate both Reformatory and Industrial Schools. The powers, therefore, which this Bill proposed to be given to the same authorities were not novel, but only extended to another and different kind of Industrial Schools, and for the reception of boys who have not necessarily been guilty of any offence. It is of great importance that schools of this nature should be under the control of a permanent body of men exercising by law greater powers than are given to a fluctuating or irresponsible body.

The Bill provided for the establishing of either training schools or training ships, firstly, because in some localities the

Training Schools to be under the control of the County Magistrates.

former might be more convenient and desirable, and secondly, that although training ships might be less expensive, the sanitary state of old ships might prove a serious objection to their being adopted for the reception of a number of young lads, independent of the difficulty which it is asserted is found in obtaining proper ventilation in them.

When divested of the mechanical part, the Bill contains only ten clauses, namely the 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, and 50th.

The 39th Clause. Clause 39 contained powers of Justices to order boys to be placed on the register, and be received into a county training school or training ship.

Clause 40. Clause 40 gave the power to the managers of a county training school or training ship to transfer a boy from a school to a ship or from a ship to a school if they think fit, or to discharge a boy if unfit for training.

Clause 41. Clause 41. The entry on the register of a county training school or training ship being of the nature of an indenture of apprenticeship, this clause gives the power to the Committee of Managers to detain any boy entered upon the register.

Clause 42. Clause 42. Power is given in this to the Committee of Managers to provide for a boy on his discharge in a sum not exceeding five pounds for clothes, or in any way the Managers may deem desirable, or in case of apprenticing any boy to the mercantile marine, a further sum of ten pounds.

Clause 43. Clause 43 gave the power to Justices to make an order for maintenance on parents or guardians.

Clause 44. Clause 44. In case of death notice to be sent to the Registrar of Deaths.

Clause 45. Clause 45. County training schools or training ships may be inspected by order of the Secretary of State.

Clause 46. Clause 46 contained powers of Justices to visit county training schools and training ships.

Clause 47. Clause 47. Penalty on Officers allowing desertion.

Clause 39. The most important clause in the Bill was the 39th; it is therefore important that it should be given in full:—

“ When it is represented by one or more qualified person or persons to two or more Justices acting in Petty Sessions, that any boy under the age of fifteen years is found wandering, and not having any home or settled place of abode, or proper guardianship, or visible means of subsistence, that is, found destitute, being an orphan or having parents unable from sickness or infirmity or any other reasonable cause, or having a surviving parent unable to support such boy, the Justices shall, after due enquiry, if they should think fit, and upon the application of such person or persons, order such boy to be entered upon the register and be received into a county training school or on board a training ship for such period as they may deem requisite, to be educated and trained for the Army, the Navy, or mercantile marine, and in such industrial work as may render the said boy more efficient when entering upon either of the aforesaid services: Provided always, that the Committee of Managers of such county training school or training ship are willing to receive him for any term not extending beyond the time when such boy shall have attained the age of seventeen years.

“ When any Board of Guardians, either personally or by their clerk, shall in like manner represent to two or more Justices acting in Petty Sessions, that any boy under the age

of fifteen years who is receiving parochial relief, or is an inmate of any workhouse or district union school, and is willing to be placed in a county training school, or on board a training ship, to be educated and trained as aforesaid, the Justices shall upon application after due enquiry, if they think fit, order such boy to be entered on the register and received into a county training school or on board a training ship, to be educated and trained as aforesaid: Provided always, that the Committee of Managers of such training school or training ship are willing to receive him for any term not extending beyond the time the boy will have attained the age of seventeen years; and the aforesaid guardians shall pay such weekly payment for his support and maintenance out of the rates levied for the relief of the poor, as may be deemed reasonable.

“When any parent or step-parent, or guardian of a boy under the age of fifteen years represents to two or more Justices acting in Petty Sessions, that he or they desire such boy to be entered upon the register and received into a county training school or on board a training ship, to be educated and trained as aforesaid, and are willing to pay such weekly sums for the support and maintenance of such boy, the Justices may, if they think fit, order such boy to be entered upon the register and received into a county training school, or on board a training ship: Provided always, that the Committee of Managers are willing to receive him for any term not extending beyond the time the boy shall have attained the age of seventeen years.”

If the Bill was not sufficient to meet all the evils at present existing, it is ample to provide a very considerable and important addition to our land and marine services, and at a very small cost to the ratepayers; firstly, it would relieve the rates of the support and maintenance of thousands of boys who are now in the workhouse and district union schools; secondly, the future burden of others who, if not provided for in the

manner proposed, will be thrown on the rates, and, as too frequently happens, either become habitual paupers or criminals instead of proving a valuable addition to our army, navy, or mercantile marine.

The system of apprenticeship is in the opinion of many competent persons the best means of training boys, and this is to some extent carried on by some of the most respectable shipowners, but it has been generally abandoned, and the opposition to it renders it improbable that it will be ever revived as a compulsory measure; it is therefore to another of a comprehensive character that attention must be drawn, and this was and will be again presented for the consideration of the Legislature, and it would be wise policy for the Government not only to support the Bill when it again comes before the House of Commons; but if it becomes an Act, to aid by pecuniary grants the training schools or training ships established under its provisions.

The County Training School and Training Ship's Bill of Captain Bedford Pim came before the House of Commons on Tuesday, the 6th of April last for second reading, and was of necessity withdrawn after the speech of the Home Secretary. Captain Bedford Pim might have exclaimed on leaving the House—

“The world may say I've fail'd; I have not failed,
If I set truth 'fore men they will not see;
'Tis they who fail, not I: my faith holds firm,
And Time will prove me right.”

It was satisfactory to find, however, that the objects contemplated by the Bill had the sympathy of the Home Secretary, and it is probable that if he had more maturely investigated its details, he would have found the objections he appears to entertain do not exist, or are capable of a satisfactory explanation. In the first place, he considers the objects aimed at by

the Bill could be attained either under the Reformatory or Industrial Schools Act. To the first an insurmountable objection presents itself, namely, that every boy must not only have committed some offence against the law, but have been committed to prison for a period not less than fourteen days before being sent to a Reformatory School or Training Ship, a provision which remains a blot on the statute book, so that every boy would have to pass through the prison gate on his road to the army, the navy, or mercantile marine. The clauses of the County Training School and Ship's Bill were framed to avoid this disgraceful contingency. With respect to the Industrial Schools Act, the children who come under its provisions are, as a rule, far too young to be trained for the army or the sea, and the experience derived after the last four or five years shows that the training of boys in the five industrial training ships, according to the Report of Inspectors of Reformatories, &c., has failed in sending more than a very inconsiderable number in proportion to the number discharged into the navy or mercantile marine, and for this purpose appears to have signally failed.

The Home Secretary objects to the burden of the schools being thrown on the rates; but one of the recent amendments of the Reformatory and Industrial Schools Acts gives the power to the magistrates acting in Quarter Sessions to establish and maintain these schools, and to charge the expense on the county rate, and the Bill of the Member for Gravesend does no more.

With respect to another objection of the Home Secretary that the Bill would compel a boy to adopt a trade even against his will, this is a misapprehension. In the first place, it is provided that a boy shall only be sent to a county training school or on board a training ship if the magistrates, after due inquiry, should think fit to direct him to be entered on the register, and further if the Committee of Managers are willing to receive him. In the first instance, if the magis-

trates found a boy unwilling to be placed in a county training school or on board a training ship, they would not make an order, nor would the Committee of Managers receive him under such circumstances; the process is, in point of fact, nearly the same as an ordinary apprenticeship, only in another form. With respect to boys in district union or workhouse schools, the transfer under the clause can only be made if the boy is willing to be transferred.

It is true that the present industrial schools and training ships are partly supported by contributions from benovolent persons, while thousands of wealthy men and women who never give, either to a charitable or philanthropic institution, but enjoy all their advantages, escape paying an instalment which their country has a right to demand of them. The subject under consideration is a national one, and therefore ought to be taken out of the category of philanthropic or charitable institutions. It is for the people of this country to determine whether they will adopt a comprehensive system like that proposed by the Bill of Captain Bedford Pim for the future supply of men for our army, navy, and mercantile marine, the latter not only as it effects the ship owners, merchants, our commerce, and the lives of thousands, but as a reserve for our navy in case of war, or hereafter have to submit, like the Continental nations, to compulsory service, for this the nation must sooner or later come to if not averted by timely, energetic, and efficient measures.

Two questions naturally arise—Is there any industrial school already established which can be taken as a model? and, further, are there any districts or divisions already mapped out which appear appropriate for the erection of them, and the mooring of ships to be used as training ships? To the first it is sufficient to name again the County of Middlesex Industrial School at Feltham; and to the second the military sub-districts, which came into operation in the

Middlesex Industrial School
Feltham, and
Military Sub-districts.

year 1873. For the training ships the ports, harbours, and estuaries afford ample accommodation and secure anchorage.

The county of Middlesex Industrial School at Feltham was established under the provisions of a local Act, 17 and 18 Vic., c. 169, for the reception of 800 inmates. The building is divided into sections, which can be enlarged or lessened as circumstances may require. There is a farm, workshops, band rooms for the training of boys for the military bands, training ship after the model of a 10-gun brig for the training of boys for the navy or mercantile marine, and a very large swimming-bath. Boats are provided by the Committee of Managers on the Thames at Staines, in which the boys are taught rowing and the management of boats. The school-rooms are large and well ventilated; the instruction given is plain, useful, and practical. The chapel will contain a thousand persons. The management is under a superintendent (Captain Brookes, of the Marine Artillery) and subordinate officers; the religious instruction and superintendence of the school under a chaplain (Rev. U. A. Newton) assisted by qualified schoolmasters. With the exception of the school- and trade-masters the subordinate officers are all men who have served either in the army or navy.

There is a military and nautical section of 150 each, which are filled up by boys from other sections as they are deemed qualified and adapted for the services, and as vacancies occur.

From the first opening of the school, sixteen years since, it has been what may be termed a semi-military and naval school, a system of this character having been considered best adapted for boys for whom the school was intended, and who in rank of life are similar to those for whom the proposed schools are intended.

The institution is under a Committee of Magistrates, elected annually by the Court of Quarter Sessions, who meet

at the School every alternate Monday. There are invariably military and naval officers on the Committee, whose professional knowledge is most important to the successful working of the school.

To the second question the military sub-dis-
 Military Sub-
 districts. tricts may be fairly taken as a guide. Should the proposed Bill become an Act, it would be of essential service if the Government would place before the respective Courts of Quarter Session a general scheme for their consideration, so that the training schools and ships might be so placed as not to interfere one with the other, and in localities most likely to ensure the successful working of the system.

Finally, there remains for consideration, from
 Boys for Train-
 ing Schools and
 Training Ships. whence are these proposed training schools and training ships to be supplied with inmates?

There are about 256,000 children on an average receiving in-door or out-door relief from the various parishes and unions. Assuming one-half of this number are girls, there remains 128,000 boys, of whom there are probably 30,000 above 12 years of age, and of this 30,000, 20,000 would be found eligible for a training school or training ship, and might fairly be drafted into one or the other, a step which would not only relieve the rates, but would prove a source of infinite satisfaction to the boys themselves. The country has a right to look to this class for future service in return for the great expense which has been incurred on their account.

The transfer of these boys to a training school or training ship should be made a reward for good conduct, and the boys should be taught to look forward to it as a privilege, and as a future support and advancement in life.

Then there is a very large class who from sickness or accident have great difficulty to support their families—widows left with children, and orphans dependent on relations who would consider it a boon to have their boys trained in

the schools and ultimately drafted into the land or sea service. There is also a large number of boys not coming under the category of the classes enumerated, who would be rejoiced to enter either service; and further, these schools would prove of essential benefit to the children of soldiers and sailors.

It must, however, be made manifest that these training schools and training ships are not to be made the receptacles for boys who have committed offences against the law, but as a reward for good conduct. If this principle is carried out there will be as much solicitation for boys to be entered upon the register of these training schools as there is now for admission into the various schools and asylums supported by the benevolent in every part of the United Kingdom.

The proposed training schools and training ships are intended for those boys only who are physically qualified for the training, and the Bill before the House of Commons in the last Session for their establishment contained a provision for the removal of those who are not so or who are not worthy of it. It is contemplated that after two or three years' education and training the boys will be competent to enter the Army, the Navy, or Mercantile Marine. The various qualifications required by the Admiralty during this time of peace excludes a large number of boys from the Navy who would be of essential service in time of war. These excluded boys, however, are in every respect adapted for the Mercantile Marine, a service which it is hoped the great majority will enter and do justice to the care which has been taken of them and the instruction they have received. It is further anticipated that, after a few years at sea, they will enter the Naval Reserve, and it is hoped that the Government may be able at some future time to offer some inducement for them to do so. The boys thus trained may hereafter form even a distinct branch of the Naval Reserve with its *esprit de corps*, and should war arise become a valuable addition to the marine forces, and supersede those levies which have been found in

war time to add to the numbers, but not to the efficiency, of the fleet.

Millions have been spent during the last few years in remodelling the Navy, in building ironclads of various sizes and types, worked by all kinds of intricate machinery, but without efficient crews no ability on the part of the officers will avail. To have at command a reserve of men properly trained and accustomed to discipline, not only for the immediate wants of the Navy in time of peace, but to meet all contingencies, is of vital importance.

It is the duty of the Government to see that provision is secured for this purpose. It is not a question of hundreds, but of thousands, and, even it may be added, of tens of thousands. It is to this first line of defence that the safety, welfare, and honour of our country must be entrusted; for, in the words of Mr. Pitt, "Our Navy is the grand and proud bulwark of our fame; that Navy which has extended our commerce, our dominion, and power to the most remote parts of the world; that Navy which has explored new sources of wealth, and which has discovered new objects of glory."

It is of vital importance that our Navy should be not only efficiently manned, but that a reserve of *bonâ fide* seamen should be available at all times in case of war for active service. To materially supplement other means is the object of the Bill of the member for Gravesend, which is to be again introduced in the coming Session of Parliament, and of which notice has been given. It is earnestly hoped that the Government will give it their support, or introduce some other measure of a comprehensive character for the consideration of and adoption by the Legislature.



